

Summary

A receiver device for optical data signals, in particular optical data signals in the
5 Gb/s range, comprising an opto-electrical conversion unit, a frequency
multiplier unit (24) for frequency-multiplying the converted electrical data
signal, and a clock recovery unit is characterized in that the frequency
multiplier unit (24) performs a frequency multiplication by a factor of n , with n
10 being a natural number larger than 2. The receiver device has an improved
tolerance on dispersion as far as generating a clock line is concerned.